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52

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,188	04/07/2000	Katsuhisa Watanabe	862.C1887	1522

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EXAMINER

NGUYEN, LE V

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 05/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/545,188	Applicant(s) WATANABE, KATSUHISA	
	Examiner Le Nguyen	Art Unit 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-6,8-11 and 13-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-6,8-11 and 13-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is responsive to an amendment filed 1/28/2005.
2. Claims 1, 3-6, 8-11 and 13-21 are pending in this application. Claims 1, 6, 11, 16, 18 and 20 are independent claims; and, claims 1, 6, 11, 16-18, 20 and 21 are amended.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office Action.

Claim Rejections - 35 USC § 103

4. Claims 1, 4, 6, 9, 11 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tonelli et al. ("Tonelli") in view of Screen Dumps of Microsoft Windows NT ("MS Win").

As per claim 1, Tonelli teaches a network terminal apparatus comprising: management means for managing an identifier of each image processing function (fig. 31; *identifier of each image processing function, e.g. printing function displayed via icon depiction of "Printer 8-8"*) and configuration information concerning a plurality of devices including image processing devices on the network for implementing functions as settings information or device configuration (col. 18, lines 35-45; col. 19, lines 9-40; col. 20, lines 51-67), search means for acquiring, via a network, device information concerning each of various devices connected to a network (col. 18, lines 35-45; col. 19, lines 9-40; col. 20, lines 51-67); recognition means for recognizing whether the configuration information has been updated, based on the acquired device information

Art Unit: 2174

(col. 19, lines 9-40; col. 20, lines 51-67; *based on acquired device information, the updated configuration information is displayed*), icon display means for displaying icons each corresponding to each image processing function in accordance with the recognition by the recognition means (col. 20, lines 51-67; fig. 31, *based on acquired device information, the updated configuration information is displayed including "Printer 8-8"*); and settings information display means for displaying updated configuration information in a case where the configuration information has been updated in regard to a function (col. 20, lines 51-67; fig. 31). Tonelli does not explicitly disclose upon selection of an icon regarding an image processing function from among the displayed icons, displaying the updated configuration information in proximity to the selected icon. MS Win teaches a network terminal apparatus comprising displaying the updated configuration information in proximity to the selected icon upon selection of an icon regarding an image processing function from among the displayed icons (fig. 1; *by right-clicking on icon 110 and selecting "Properties", settings information in regard to an image processing function are displayed in window 130*). Therefore, it would have been obvious to an artisan at the time of the invention to include MS Win's teaching of a network terminal apparatus comprising, upon selection of an icon regarding an image processing function from among the displayed icons, displaying the updated configuration information in proximity to the selected icon to Tonelli's teaching of a network terminal apparatus comprising settings information display means for displaying updated configuration information in a case where the configuration information has

Art Unit: 2174

been updated so that users may quickly view information about the device and its current status.

As per claim 4, the modified Tonelli teaches a network terminal apparatus wherein the settings information display means displays at least information relating to the type of image processing device or a network name of the image processing device as the settings information (MS Win: fig. 1).

Claims 6 and 11 are individually similar in scope to claim 1 and are therefore rejected under similar rationale.

Claims 9 and 14 are individually similar in scope to claim 4 and are therefore rejected under similar rationale.

5. Claims 5, 10 and 15-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tonelli et al. ("Tonelli") in view of Screen Dumps of Microsoft Windows NT ("MS Win").

As per claim 5, although the modified Tonelli teaches a network terminal apparatus comprising designating means for allowing the user to designate, in order to select, a desired icon from among the icons displayed by the icon display means wherein, when a desired icon is designated for a predetermined period of time by the designating means, the settings information display means displays, in proximity of the desired icon, a pop-up window for displaying settings information in regard to the image processing function corresponding to the desired icon (MS Win: fig. 1; *pop-up window 130*), Tonelli does not explicitly disclose the information displayed in proximity to the icon to be a tool-tip. Official Notice is taken that the use of tool-tips to display

Art Unit: 2174

information in proximity to an icon is well known in the art. Therefore, it would have been obvious to an artisan at the time of the invention to include the use of tool-tips to display information in proximity to an icon to the modified Tonelli's teaching of the use of pop-up windows to display information in proximity to an icon to provide users with an implementation preference.

Claims 10 and 15 are individually similar in scope to claim 5 and are therefore rejected under similar rationale.

The combination of claims 16 and 17 is similar in scope to claim 5 and is therefore rejected under similar rationale.

The combination of claims 18 and 19 is similar in scope to claim 5 and is therefore rejected under similar rationale.

The combination of claims 20 and 21 is similar in scope to claim 5 and is therefore rejected under similar rationale.

6. Claims 3, 8 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tonelli et al. ("Tonelli") in view of Screen Dumps of Microsoft Windows NT ("MS Win") as applied to claims 1, 6 and 11 respectively, and further in view of Dow et al. ("Dow").

As per claim 3, although the modified Tonelli teaches a network terminal apparatus wherein the plurality of image processing devices include printers (Tonelli: fig. 31; MS Win: fig. 1), the modified Tonelli does not explicitly disclose a network terminal apparatus wherein the plurality of image processing devices include a network scanner. Dow teaches a network terminal apparatus wherein an image processing

Art Unit: 2174

device include a network scanner (col. 2, lines 2-5). Therefore, it would have been obvious to an artisan at the time of the invention to include Dow's teaching of a network terminal apparatus wherein an image processing device include a network scanner to the modified Tonelli's teaching of a network terminal apparatus wherein the plurality of image processing devices include printers to allow business professionals to scan paper-based documents, manage them effectively and distribute them in a timely fashion.

Claims 8 and 13 are individually similar in scope to claim 3 and are therefore rejected under similar rationale.

Response to Arguments

7. Applicant's arguments with respect to claims 1, 3-6, 8-11 and 13-21 have been considered but are moot in view of the new ground(s) of rejection. Furthermore, the Office notes that applicant did not contest the factual assertion set forth under Official Notice in paragraph two of section five of the Office Action of 10/21/04.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Art Unit: 2174

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquires

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Lê Nguyen whose telephone number is **(571) 272-4068**. The examiner can normally be reached on Monday - Friday from 7:00 am to 3:30 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (571) 272-4063.

The fax numbers for the organization where this application or proceeding is assigned are as follows:

(703) 872-9306 [Official Communication]

Art Unit: 2174

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

LVN
Patent Examiner
May 6, 2005


KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100